

# NHDOT SPR2 PROGRAM

## RESEARCH PROGRESS REPORT

### INSTRUCTIONS:

Project Managers and/or Principal Investigators should complete a progress report at least every three months during the project duration. Reports are due the 5<sup>th</sup> of the month following the end of the quarter. Please provide a project update even if no work was done during this reporting period.

|  |                                       |  |  |
|--|---------------------------------------|--|--|
| <b>Project #</b><br>15260E/26962T  |                                       | <b>Report Period</b> Year 2019<br><input type="checkbox"/> Q1 (Jan-Mar) <input checked="" type="checkbox"/> Q2 (Apr-Jun) <input type="checkbox"/> Q3 (Jul-Sep) <input type="checkbox"/> Q4 (Oct-Dec) |  |
| <b>Project Title:</b><br>Stain Resistant airport Paint Implementation – Implementation Phase   |                                       |  |  |
| <b>Project Investigator:</b> John Gorham, Jacobs Engineering Group<br><b>Phone:</b> 603-518-1773 <b>E-mail:</b> john.gorham@jacobs.com |                                       |  |  |
| <b>Project Start Date:</b><br>12-21-2016   | <b>Project End Date:</b><br>3/31/2020 | <b>Project schedule status:</b><br><input checked="" type="checkbox"/> On schedule <input type="checkbox"/> Ahead of schedule <input type="checkbox"/> Behind schedule                               |  |

### Brief Project Description:

This phase was to install alternative pavement paint specifications at Laconia Municipal Airport. The follow-on phase will evaluate the effectiveness, durability, and visibility of the paint over a 2-year period.

### Progress this Quarter (include meetings, installations, equipment purchases, significant progress, etc.):

Observations were conducted on 11 April 2019 this quarter. Propose conducting observations in July '19 & Oct '19.

### Items needed from NHDOT (i.e., Concurrence, Sub-contract, Assignments, Samples, Testing, etc.):

Participate in on-site observation site visit.

### Anticipated research next 3 months:

Continue observation/evaluation phase of project.

**Circumstances affecting project:** Describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope, and budget, along with recommended solutions to those problems. Original paint samples areas are significantly worn. Many locations the paint is removed. This is could be effecting the reflectometer readings. Alternate sample locations added to outboard paint stripe that is less worn. Additionally, the December 2018 observations were only able to collect partial data (reflectometer readings and partial pictures) due to the poor weather and low light for photographs. Will discuss after October 2019 observations how we should proceed.

| Tasks (from Work Plan)                      | Planned % Complete | Actual % Complete |
|---|--------------------|-------------------|
| Article A - Coordination                    | 100                | 100               |
| Article B - Observations                    | 75                 | 75                |
| Article C – Report, Poster, Airport Handout | 0                  | 0                 |
| Article D – Project Administration          | 40                 | 40                |
| Contractor Expenses for paint installation  | 100                | 100               |